

Title (en)
FIBRE OPTICAL ACCELEROMETER

Title (de)
GLASFASER-BESCHLEUNIGUNGS-AUFNEHMER

Title (fr)
ACCÉLÉROMÈTRE À FIBRE OPTIQUE

Publication
EP 2569644 A1 20130320 (EN)

Application
EP 11718117 A 20110510

Priority
• US 33340910 P 20100511
• EP 2011057467 W 20110510

Abstract (en)
[origin: WO2011141445A1] A fibre optical accelerometer comprising a base structure, a first seismic mass movably coupled to the base structure through a first hinge element, a second seismic mass movably coupled to the base structure through a second hinge element, an optical fibre coupled to the first and second seismic masses at first and second attachment joints, respectively, to subject the optical fibre to varying strain by displacement of the first and second seismic masses about the first and second hinge structures, respectively.

IPC 8 full level
G01H 9/00 (2006.01); **G01P 1/02** (2006.01); **G01P 15/093** (2006.01)

CPC (source: EP KR US)
G01H 9/00 (2013.01 - KR); **G01H 9/004** (2013.01 - EP US); **G01P 1/023** (2013.01 - EP US); **G01P 15/093** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2011141445A1

Cited by
WO2016012372A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011141445 A1 20111117; CN 103003703 A 20130327; CN 103003703 B 20150923; DK 2569644 T3 20140526; EP 2569644 A1 20130320; EP 2569644 B1 20140312; JP 2013526703 A 20130624; JP 5791704 B2 20151007; KR 101852629 B1 20180426; KR 20130082089 A 20130718; US 2013104655 A1 20130502; US 9201089 B2 20151201

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EP 2011057467 W 20110510; CN 201180023665 A 20110510; DK 11718117 T 20110510; EP 11718117 A 20110510; JP 2013509538 A 20110510; KR 20127032427 A 20110510; US 201113696933 A 20110510